

IN THE CLAIMS:

Please cancel Claim 2, 31, 34 and 38. Please amend Claims 1, 3-5, 9, 23, 32, 33 and 39. All presently pending claims are reproduced below.

1. (Amended) An insulated cryo-pack for ~~sustaining and protecting~~ maintaining a temperature of a material, comprising:
an inner container for disposing the material therein;
a barrier bag filled with a plurality of dry ice pellets surrounding the inner container,
wherein the dry ice pellets are at least 2 inch thick on all sides of the inner container; and
an outer container for ~~disposing~~ containing the barrier bag having the inner container and the dry ice pellets disposed therein.
2. (Cancelled)
3. (Amended) The cryo-pack of claim 2-1, further comprising a lid placed on the barrier bag over the inner container.
4. (Amended) The cryo-pack of claim 2-1, wherein the barrier bag assumes an interior contour of the outer container.
5. (Amended) The cryo-pack of claim 2-1, wherein the barrier bag includes an open top extending over the height of the outer container.

6. The cryo-pack of claim 5, wherein the open top of the barrier bag are folded over the inner container and secured by a tape.
7. The cryo-pack of claim 6, wherein the tape has a width of about 2 inches.
8. The cryo-pack of claim 6, wherein the tape is applied perpendicularly across the folded portion of the barrier bag.
9. (Amended) The cryo-pack of claim ~~2~~1, wherein the barrier bag is punched with a plurality of vent holes.
10. The cryo-pack of claim 9, wherein the diameter of the vent holes is about 1/4 inches.
11. The cryo-pack of claim 1, wherein the inner and outer containers are made of corrugated fiberboard.
12. The cryo-pack of claim 11, wherein the inner container has a thickness of about 0.255 inches.
13. The cryo-pack of claim 11, wherein the outer container has a thickness of about 0.255 inches.

14. The cryo-pack of claim 1, wherein the inner container is sealed by a tape.

15. The cryo-pack of claim 14, wherein the tape has an H-pattern on a top surface and a bottom surface of the inner container.

16. The cryo-pack of claim 1, wherein the outer container is secured by a tape.

17. The cryo-pack of claim 16, wherein the tape has an H-pattern on a bottom surface of the outer container and a T-pattern on a top surface of the outer container.

18. The cryo-pack of claim 1, further comprising a plurality of foam panels disposed in the outer container and surrounding the inner container.

19. The cryo-pack of claim 18, wherein each of the foam panels has a thickness of about 2 inches.

20. The cryo-pack of claim 18, wherein seams between the adjacent foam panels are sealed by tapes.

21. The cryo-pack of claim 18, further comprising at least one spacer disposed around the inner container within the foam panels, such that a cavity is formed between the inner container and

the foam panels.

22. The cryo-pack of claim 21, wherein the spacer has a thickness of about 2 inches.

23. (Amended) An insulated cryo-pack for ~~sustaining and protecting~~ maintaining a temperature of a plurality of materials, comprising:

a plurality of internal containers for individually packing the materials therein;

an inner container for disposing the internal containers therein;

a barrier bag filled with a layer-plurality of dry ice pellets surrounding the inner container,

wherein the layer of dry ice pellets is at least 2 inch thick on all sides of the inner container; and

an outer container for ~~disposing~~ containing the barrier bag having the dry ice pellets and the inner container disposed therein.

24. The cryo-pack of claim 23, wherein the internal containers are made of corrugated fiberboard with a thickness of about 0.255 inches.

25. The cryo-pack of claim 23, further comprising a cellulosic cushion disposed in the inner container for holding the internal containers.

26. The cryo-pack of claim 23, further comprising a plurality of item reference tags attached to the internal containers for indicating information of the materials contained therein.

27. The cryo-pack of claim 23, further comprising a plurality of lids disposed on the internal containers.

28. The cryo-pack of claim 23, further comprising a plurality of holding pads disposed under the internal containers in the inner containers.

29. The cryo-pack of claim 28, wherein each holding pad comprises a recessed portion conformal to a periphery of a bottom surface of the internal container held thereby.

30. The cryo-pack of claim 28, further comprising a plurality of upper holding pads disposed on the internal containers in the inner containers.

31. (Cancelled)

32. (Amended) The cryo-pack of claim ~~31~~ 23, wherein the barrier bag is punched with a plurality of vent holes.

33. (Amended) An insulated cryo-pack, comprising:

an inner container containing at least one material therein;

an outer container for containing the inner container therein;

a plurality of foam panels disposed adjacent to an interior surface of the outer ~~containers~~ container; and

at least one spacer disposed around the inner container to immobilize the inner container,
so as to form a cavity between the inner and the foam panels ~~outer containers;~~ and
a barrier bag filled with a plurality of dry ice pellets surrounding the inner container.

34. (Cancelled)

35. The cryo-pack of claim 33, wherein the inner and outer containers are made of corrugated fiberboard.

36. The cryo-pack of claim 33, wherein the spacer has a thickness of about 2 inches.

37. The cryo-pack of claim 33, wherein the foam panels have a thickness of about 2 inches.

38. (Cancelled)

39. (Amended) The cryo-pack of claim ~~38~~33, wherein the barrier bag is filled with dry ice pellets ~~with~~at a thickness of about 2 inches.